

# Practical Technology Integration Strategies for the Classroom

Dr. Rana Tamim  
Zayed University  
21<sup>st</sup> April, 2012

# Net Generation Characteristics

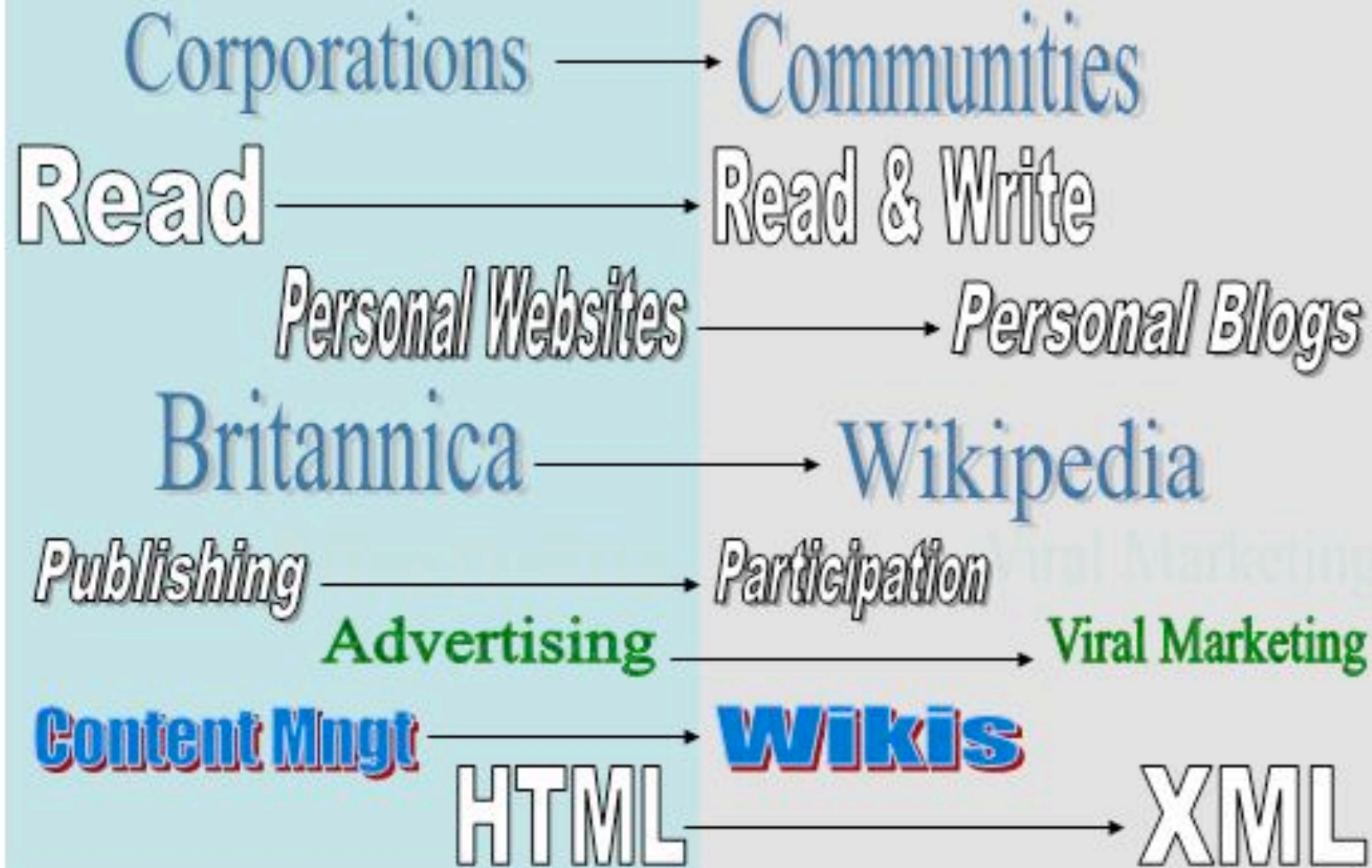
- Connectedness and team orientation
- Require things on demand with quick feedback
- Freedom and independence

- What has changed to lead to all this shift.....

- What has changed to lead to all this shift.....

WEB 2.0

# Web 1.0 → Web 2.0



SimpleProcesses

<http://glennremoreras.com/2010/07/28/forecast2020/>

## وب 0.1

**مواقع شخصية**، من خلالها يمكن للزوار الاطلاع على المحتويات لاتي يضيفه صاحب الموقع

**مواقع جماعية**، لا تختلف كثيراً عن الشخصية إلا أنها تتحدث عن مجموعة من الناس غالباً أعضاء في جماعة معينة

**مواقع محتويات**، مواقع تقدم لزوارها عن طريق صاحبها ملفات مختارة عبره، حيث يمكن تنزيلها والإطلاع عليه

**صفحات الأسئلة المتكررة**، غالباً ما تكون جامدة ولا تتغير وتكون مقدمة عبر إدارة الموقع.

**برمجيات بسيطة**، تقدم بعض الإمكانيات البسيطة لمستخدم وب.

خدمات أخرى لم تكن موجودة.

## وب 0.2

**مدونات**، مواقع بسيطة تمكن صاحبها من إضافة المقالات بشكل متقدم، ويمكن للزوار الإطلاع والتعليق عليها أو تقييمها.

**شبكات إجتماعية**، تمكن مستخدميها من عمل الملفات الشخصية وتبادل التعليقات والتعرف على الأصدقاء وتكوين الجماعات الافتراضية.

**مواقع إستضافة ومشاركة ملفات**، تقدم لمستخدميها خدمة إستضافة الملفات ومشاركتها في الإنترنت مع جميع الناس أو مع مجموعة معينة منهم.

**الويكي**، مواقع تقدم المعلومات بطريقة تشاركية حيث يستطيع الأعضاء كتابة المقالات والتعديل عليها.

**تطبيقات وب**، برمجيات إحترافية مقدمة عبر تقنيات ولغات برمجة وب ٢.

أ)، خدمة لتبادل الأخبار المجلوبة من منتدى أو مدونة أو أي RSS ( موقع دون الحاجة للوصول إليه ) جيدة في حالة التجوال

# To be Covered....

Functionality	Technological Tools
Presentation	Voki Prezi Wordle PPT games
Social Networking	Facebook Edmodo
Visual pedagogies	YouTube Video production
Cooperative/ Collaborative Learning	Google doc WebQuests

# Selection of the Tools

- Free
- Online
- Easy to use
- Beneficial with added value



# VOKI

- <http://www.voki.com/>
- Voki is a free service that allows you to create personalized speaking avatars and use them on your blog, profile, and in email messages.
- [Sample](#)

- Voki Technical overview

# Prezi

- <http://prezi.com/>
- An online presentation software that provides a different form than ppt depending on zooming features as well as a series of newer collaborative features
- [Sample](#)

- Prezi Technical overview

# WORDLE

- <http://www.wordle.net/>
- Wordle is an online toy for generating “word clouds” from text that you provide. The clouds give greater prominence to words that appear more frequently in the source text.

[illegible]



- Wordle Technical overview



# PPT Games: Jeopardy

Sample run,,,,,,,,,

# PPT Games: Jeopardy

Sample run,,,,,,,,,

You can pick up template at end of session

# Facebook.. Who doesn't know it

**facebook**

**Facebook helps you connect and share with the people in your life.**



# So.....

- What are the major issues
- How to use it best
- Any other alternatives to avoid ethical issues and considerations?

# EDMODO

- <http://www.edmodo.com/>
- An online learning management system that has a facebook look and feel with higher security and privacy to meet the needs of the students and teachers
- Sample

- EDMODO Technical overview

# YouTube



Broadcast Yourself™

Search

[Home](#) [Videos](#) [Channels](#)

## Spotlight: The GRAMMY Awards



**thegrammys**

The GRAMMYS celebrate artistic achievement in music. Today we bring you past ceremony highlights, plus videos featuring this year's contenders and their fans.



**2010 GRAMMY Awards - MJ's**

13 hours ago

328 views



CBS



**2010 GRAMMY Awards - Song of**

16 hours ago

303 views



CBS



**Taylor Swift accepting a**

16 hours ago

298,444 views



thegrammys



**Maxwell accepting the GRAMMY for...**

17 hours ago

121,579 views



thegrammys

# Important Characteristics

- Equity and accessibility: most students have internet access
- Success and usability: youtube successful and widely used
- Practicality and consumption: students are youtube consumers
- Initiative and intent: students do create and post videos on youtube



# Some Potential Benefits

- Low financial requirements
- Potential use as learning objects
- The *FUBU* (for us by us) approach
- Make use of generational power

# As Is Use of Youtube Videos

- For a simple presentation
- For a presentation to initiate a debate or discussion
- For a presentation to introduce a research topic

# As Is Use of Youtube Videos

- More attractive for teachers who are not highly at ease with technology
- Relatively easy to locate a variety of relevant movies but have to utilize high level of selectivity
- Have to be cautious about what one finds
- Downloading and saving may be better than on the spot search and viewing

# Students' Development of Videos

- Have students practically involved in creating their own video
- Very helpful as a cross curricular activity
- Highly motivating for most students

# Students' Development of Videos

- More attractive for technology savvy teachers and students
- Some parents, administrators, or students may highly object to posting videos that identifies them personally on the web
- Have to be very sensitive to ethical concerns
- Should be flexible in assigning roles and allowing for personal choice

# Issues to Keep in Mind

- Technical
  - Accessibility
  - Skills (students and teachers)
- Ethical issues
  - Students as participants
  - Students as viewers

# Google Doc

- An online tool to help in online collaborative knowledge building
- Google Doc Technical overview

# WebQuest

- A WebQuest is an short or long term inquiry-oriented lesson format in which most or all the information that learners work with comes from the web. These can be created using various programs, including a simple word processing document that includes links to websites

[http://webquest.sdsu.edu/about\\_webquests.html](http://webquest.sdsu.edu/about_webquests.html)



# History

- The model was developed by Bernie Dodge at San Diego State University in February, 1995.
- Visit the website:  
<http://webquest.org/index.php>

# Critical Attributes

- An introduction
- A task
- A set of information sources
- A description of the process
- A rubric for evaluation
- A conclusion

# WebQuest Garden

To check for currently available webquests and create new ones, visit the <http://questgarden.com/>

# EDUDEMIC



[Featured Articles](#) [Popular Articles](#) [Trending Topics](#)

[iPad Magazine on iTunes](#) [Guest Posts](#) [About](#) [Contact](#) [Advertise](#)

[Best Of](#) [How To](#) [In The Classroom](#) [In The News](#) [Tips & Tricks](#) [Top 10 Lists](#) [Districts](#) [Online Schools](#) [Magazine](#) [The Store](#)



[Teacher Leadership MA](#) Earn Your Teacher Leadership MA Online. Request for Information! [WaldenU.edu/Teacher-Leadership](#)

[Education Online](#) Earn an Online Accredited Degree For a Successful Career. Apply Now! [www.OuOnlineDegree.com](#)

[MBA Online Learning](#) 100% Online MBA Degree, 12 Months 12 Specialisations, Apply Today! [www.StudyInterActive.org](#)



[AdChoices](#)

## FEATURED ARTICLE



## 25 Ways To Use iPads In The Classroom by Degree of Difficulty

[Like](#) [119](#) [Pin it](#) [2K+](#)

So you've got one or a few iPads that you want to use in the classroom. You could visit the Apple App Store's education section and peruse the many offerings... do some Google searches to figure out what's good...

no data from pagead2.googleadsyndication.com... below to get started!

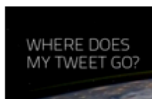
## TRENDING ARTICLES



[A Must-Have Guide To Google Drive](#) [1](#)



[How To Use Twitter For Teaching And Learning](#) [4](#)



[How To Visualize Where Your Tweets Go](#) [1](#)



[The Ultimate Guide To Facebook's New 'Groups For Schools'](#) [7](#)



[Whoa! Google+ Just Got A Totally New Design](#)



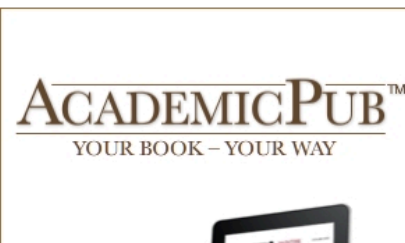
Follow @edudemic

Edudemic on [g+](#)

+1



+1837



- Thank you ...

[rana.tamim@zu.ac.ae](mailto:rana.tamim@zu.ac.ae)